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| Application/Control No. |
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Applicant(s)/Patent under Reexamination

10/665,520 Examiner STAMM ET AL.

Humera N. Sheikh

1615

√ Rejected
= Allowed

\_\_\_ (Through numeral) Cancelled

N Non-Elected

A Appeal

Restricted

I Interference

O Objected

| Clá                                 | aim      |  | Date   |          | Claim Date   |          |              |   |          | CI           | aim        | Date              |  |          |           |  |               |  |  |
|-------------------------------------|----------|--|--|----------|--------------|----------|--------------|---|----------|--------------|------------|-------------------|--|----------|-----------|--|---------------|--|--|
|                                     | <u>a</u> | []                                     |  |          |              | a        | []           |   |          |              | ल          | ,,                |  | T        |           |  |               |  |  |
| Final                               | Original | 1/9/06                                 |  |          | Final        | Original | 1/9/06       |   |          | Final        | Original   | 1/9/06            |  |          |           |  |               |  |  |
| L                                   | ő        | 1                                      |  |          | Œ            | Ori      | 1/           |   |          | ů.           | Q.         | =                 |  |          |           |  |               |  |  |
| <u> </u>                            | 1        | +                                      |  |          | <u> </u>     |          |              | <del></del>   | -        |              | 101        | ┞.                |  | $\dashv$ |           | ╁┼┼  |               |  |  |
| -                                   | 2        | Ŧ                                      | <del>-                                     </del>  |          |              | 51<br>52 | +            | <del>                                     </del>    | -        |              | 101        | ÷                 | <del>                                     </del> | $\dashv$ | +         | $\vdash$   | +             |  |  |
| <b> </b>                            | 3        | H                                      |  |          |              | 53       | Н            | <del> - - - - - -</del>                             | -        |              | 103        | ╫                 |  |          |           | $\vdash$   |               |  |  |
| -                                   | 4        | Н                                      |  |          |              | 54       | Н            | <del>                                     </del>    | -        |              | 104        | ╫                 |  | +        |           | +  | +             |  |  |
|                                     | 5        | Ш                                      |  |          |              | 55       | Н            |   | 71111    |              | 105        | H                 |  |          | 1         | $\Box$   | _             |  |  |
|                                     | 6        | П                                      |  |          |              | 56       | П            |   | 71111    |              | 106        | T                 |  | $\neg$   |           |  |               |  |  |
|                                     | 7        |  |  |          |              | 57       |              |   |          |              | 107        |                   |  |          |           |  |               |  |  |
|                                     | 8        | Ш                                      |  |          |              | 58       |              |   |          |              | 108        | П                 |  |          |           | Ш  |               |  |  |
|                                     | 9        | Ш                                      |  |          |              | 59       | Щ            |   | _        |              | 109        | Ц.                |  |          |           | Ш  | _ _           |  |  |
| <u> </u>                            | 10       | Ш                                      |  |          | ļ            | 60       | Ш            |   | -        |              | 110        | Ц.                |  | $\perp$  | _         | $\sqcup$   | $\perp$       |  |  |
| <u> </u>                            | 11       | Ш                                      |  |          |              | 61       | Ш            | <del>                                     </del>    |          |              | 111        | $oxed{\bot}$      | $\square$  | -        |           | $\sqcup$   | +             |  |  |
| -                                   | 12       | H                                      |  |          | <u> </u>     | 62       | Ш            | +++++   | -        | <u> </u>     | 112        | ₩                 |  | -+       | +         | $\vdash$   |               |  |  |
|                                     | 13<br>14 | H                                      |  | +        | $\vdash$     | 63<br>64 | HH           | <del>                                     </del>    | -        |              | 113<br>114 | ╫                 |  |          | +-        | <del>   </del>                                   |               |  |  |
|                                     | 15       | HH                                     |  | +        | <u> </u>     | 65       | Н            | <del>                                     </del>    | -        |              | 115        | ╫                 | $\vdash$   | +        | +         | $\vdash$   | +             |  |  |
|                                     | 16       | Н                                      |  |          |              | 66       | Н            | <del>                                     </del>    | 1        |              | 116        | Н                 |  | <u> </u> |           | $\vdash$   |               |  |  |
|                                     | 17       | Ш                                      |  | 11       |              | 67       | Н            | <del>1-1-1                                   </del> | 7        |              | 117        | $\dagger$         | $\square$  | $\dashv$ |           | $\sqcap$   | $\top$        |  |  |
|                                     | 18       |  |  |          |              | 68       | Ш            |   | 7        |              | 118        | T                 |  | $\dashv$ | 1         |  | $\neg \vdash$ |  |  |
|                                     | 19       |  |  |          |              | 69       |              |   |          |              | 119        |                   |  |          | I         |  |               |  |  |
|                                     | 20       |  |  |          |              | 70       |              |   |          |              | 120        | П                 |  |          |           |  |               |  |  |
|                                     | 21       | Ш                                      |  |          |              | 71       | Ш            |   |          |              | 121        | Щ                 |  | $\perp$  |           | $\Box$   |               |  |  |
|                                     | 22       | Ш                                      |  |          |              | 72       | Ш            |   | _        |              | 122        | Щ                 | $\Box$   |          |           |  | $\perp$       |  |  |
| <u> </u>                            | 23       | Ш                                      |  | $\bot$   | <u> </u>     | 73       | Ш            |   | 4        |              | 123        | Ц.                | $\square$  |          |           | $\sqcup$   | _ _           |  |  |
| <u> </u>                            | 24       | Ш                                      | <del></del>  | +        | <u> </u>     | 74       | Ш            |   | -        | <b> </b>     | 124        | ╀                 | $\vdash\vdash\vdash$                             | $\dashv$ |           | $\vdash$   | +             |  |  |
| $\vdash$                            | 25<br>26 | H                                      |  | +        | <u> </u>     | 75<br>76 | Н            | <del>                                     </del>    | $\dashv$ |              | 125<br>126 | ₩                 | $\vdash \vdash \vdash$                           | $\dashv$ | +-        | $\vdash$   |               |  |  |
| $\vdash$                            | 27       | H                                      | <del></del>  | +        | $\vdash$     | 76<br>77 | Н            | <del>                                     </del>    | -        |              | 126        | ╫                 | $\vdash$   | $\dashv$ |           | <del>                                     </del> |               |  |  |
| <b>—</b>                            | 28       | ╁                                      |  | +        | $\vdash$     | 78       | Н            | <del>                                     </del>    | $\dashv$ | <u> </u>     | 128        | ╫                 | $\vdash$   | -+       |           | $\vdash$   |               |  |  |
| -                                   | 29       | +                                      |  | $\dashv$ | <del> </del> | 79       | H            | <del>                                     </del>    | $\dashv$ | <del> </del> | 129        | ╫                 |  | +        | +         | $\vdash \vdash$                                  |               |  |  |
|                                     | 30       | H                                      |  |          | <u> </u>     | 80       | Ш            | <del>                                     </del>    | $\dashv$ | <b></b>      | 130        | $\dagger$         | H  | $\dashv$ | +         | $\vdash$   | $\dashv$      |  |  |
|                                     | 31       | H                                      |  | 77       |              | 81       | Ш            |   | 7        |              | 131        | $\dagger \dagger$ |  | 十        | +         | $\sqcap$   |               |  |  |
|                                     | 32       |  |  |          |              | 82       |              |   | 7        |              | 132        | $\ $              |  |          |           |  |               |  |  |
|                                     | 33       |  |  |          |              | 83       | $\prod$      |   |          |              | 133        | $\prod$           |  |          |           |  |               |  |  |
|                                     | 34       | Ш                                      |  |          |              | 84       | Ш            |   | _        |              | 134        | $\prod$           |  |          |           |  |               |  |  |
| <u></u>                             | 35       | Ш                                      |  |          | <u> </u>     | 85       | Ш            |   | 4        | <u> </u>     | 135        | Щ                 |  | $\perp$  | $\perp$   | $\sqcup$   | $\perp$       |  |  |
| <u> </u>                            | 36       | $  \downarrow \downarrow \downarrow  $ |  |          | <u> </u>     | 86       | $\mathbb{H}$ | <del>                                     </del>    | 4        | <u> </u>     | 136        | #                 | $\square$  | _        | _         | $\sqcup$   | +             |  |  |
| $\vdash$                            | 37       | ╁                                      |  |          | <u> </u>     | 87       | Ш            | <del>                                     </del>    | 4        | <u> </u>     | 137        | #                 | $\square$  | $\perp$  | +         | $\vdash \vdash$                                  | +             |  |  |
|                                     | 38<br>39 | ╁╂┤                                    | <del></del>  |          | <u> </u>     | 88<br>89 | Н            | ╂┼┼┼┼   | 4        | <u> </u>     | 138<br>139 | ₩                 | $\vdash\vdash\vdash$                             | +        | +         | $\vdash \vdash$                                  | +             |  |  |
| -                                   | 40       | H                                      | <del>-   -                                  </del> | $\dashv$ | $\vdash$     | 90       | H            | ╀┼┼┼  | -        | -            | 140        | ╫                 |  | $\dashv$ | +         | ┥  |               |  |  |
| -                                   | 41       | HH                                     | <del>-                                      </del> | ++       |              | 91       | H            | <del> - - - - - - - - - - - - - - - - - - -</del>   | $\dashv$ | <u> </u>     | 141        | H                 | $\vdash\vdash\vdash$                             | $\dashv$ | +         | $\vdash \vdash$                                  |               |  |  |
|                                     | 42       | $  \uparrow \uparrow \uparrow  $       | <del>-   -   -   -   -  </del>                     | $\dashv$ |              | 92       | H            | <del>                                     </del>    | $\dashv$ |              | 142        | #                 | $\Box$   | $\dashv$ | +         | $\vdash$   | +             |  |  |
|                                     | 43       | Ш                                      |  |          |              | 93       | Н            | <del>                                     </del>    |          |              | 143        | †                 |  | $\dashv$ | +         | $\vdash$   | $\neg$        |  |  |
|                                     | 44       |  |  |          |              | 94       | П            |   | 7        |              | 144        | $\dagger$         |  |          |           | $\sqcap$   |               |  |  |
|                                     | 45       |  |  |          |              | 95       |              |   |          |              | 145        |                   |  |          |           | $\prod$  |               |  |  |
|                                     | 46       | Ш                                      |  |          |              | 96       |              |   |          |              | 146        | $\prod$           |  |          | $oxed{L}$ |  |               |  |  |
|                                     | 47       | Ш                                      |  |          |              | 97       | Ш            |   | _];;;;   |              | 147        | Щ                 | $\Box\Box$                                       |          |           | $\square$  |               |  |  |
|                                     | 48       | Ш                                      |  |          |              | 98       | Ш            |   | 4        | L            | 148        | Щ                 | $\Box$   |          |           | $\Box$   | $\perp$       |  |  |
| $\vdash$                            | 49       | $\sqcup \sqcup$                        |  |          |              | 99       | Щ            | <del>                                     </del>    | _        | <u> </u>     | 149        | Щ                 | $\sqcup\sqcup$                                   |          |           | Ш  |               |  |  |
| $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | 50       | ļ.                                     |  |          |              | 100      | +            | <u> </u>  | :::::    |              | 150        | +                 |  |          |           | 1 [  | 1_            |  |  |



Application/Control No.

10/665,520

Examiner

Humera N. Sheikh

Applicant(s)/Patent under Reexamination

STAMM ET AL.

Art Unit

1615

| <b>√</b> | Rejected |
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Interference

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| Cla      | aim        | _            | Date   |  | Cla          | aim        |                 |          | 0            | Date   |                  |               | CI    | aim        |  |          |  | Date     | •        |          |          |           |
|----------|------------|--------------|--|--|--------------|------------|-----------------|----------|--------------|--|------------------|---------------|-------|------------|--|----------|--|----------|----------|----------|----------|-----------|
| l _      | <u></u>    |              |  |  |              | 757        | .               |          |              |  |                  |               |       | <u></u>    |  |          |  |          |          |          |          |           |
| Final    | Original   | 1/9/06       |  |  | Final        | Original   | 1/9/06          |          |              |  |                  |               | Final | Original   |  |          |  | Ì        |          | - 1      |          |           |
| ĮŒ       | ě          | <del>~</del> |  |  | ΙÏ           | ٥          | 1/6             |          | 1            |  |                  |               | ίĽ    | Ö          |  |          |  |          |          |          |          |           |
|          |            | _            |  |  |              |            |                 |          |              | $\sqcup$   | ++               | $\perp$       |       |            | $\sqcup$   | $\bot$   | ļ  |          |          | _        | _        | _         |
|          | 151        | +            |  |  | <u> </u>     | 201        | ÷               |          | 4            | $\vdash$   | ++               | $\perp$       |       | 251        | $\perp$  |          | _  |          | $\Box$   | _        | _        | ᆜ         |
| <u> </u> | 152        | ╁            |  |  | ļ            | 202        | +               |          | +            | $\vdash$   | ++               |               |       | 252        | $\vdash$   | $\bot$   | _  |          | $\Box$   | _        | $\dashv$ | 4         |
| -        | 153        | +            | <del>                                     </del> |  |              | 203        |                 |          |              | $\vdash$   | ++               | +             |       | 253        |  | +        | <u> </u>   | igspace  | $\dashv$ | $\dashv$ | $\dashv$ | -         |
| -        | 154        | +            |  |  |              | 204        | -1              |          |              | $\vdash$   | ++-              |               |       | 254        | $\vdash$   | +        | _  | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |           |
| <u> </u> | 155<br>156 | +            | <del>                                     </del> |  |              | 205        | -               |          |              | -  |                  |               |       | 255        | $\vdash$   | +        | -  |          |          |          |          |           |
| <u> </u> | 157        | +            | <del>                                     </del> | +  |              | 206        |                 |          | +            |  | +                | +             |       | 256        |  |          |  | $\vdash$ | $\dashv$ | +        | +        | $\dashv$  |
| <u> </u> | 158        | +            | <del>                                     </del> | ++-  |              | 207        | $\dashv$        |          | +            | $\vdash$   | ++               |               |       | 257        |  |          | -  |          | -        | +        | $\dashv$ |           |
| -        | 159        | +            | <del>                                     </del> | ++-  | <b></b>      | 208<br>209 | $\dashv$        |          | +-           | $\vdash$   | <del></del>      |               |       | 258        | $\vdash$   | +        | -  | Н        |          | -+       | -        | $\dashv$  |
| <u> </u> | 160        | +            | <del>                                     </del> | <del>-   -  </del>                               | -            | 210        | $\dashv$        |          | +            | ⊢⊹   | ++               |               |       | 259<br>260 | +  | +        | -  | -        |          | -        | $\dashv$ |           |
| <u> </u> | 161        | +            | <del>                                     </del> | <del>                                     </del> |              | 211        | $\vdash$        |          | -            | ⊢⊢   | ++               | +             |       | 261        | $\vdash$   |          | ļ  | Н        | -        | -+       | $\dashv$ | $\dashv$  |
| <u> </u> | 162        | +            | <del>                                     </del> | 1 1-1  | <del></del>  | 212        | $\vdash$        |          | +            | -  | <del>- - -</del> | +             |       | 262        | ├├-  |          | ╁  | Н        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |
| <u> </u> | 163        | +            | <del>                                     </del> | ++-  |              | 213        | $\vdash$        |          | +            | <del>                                     </del> | ++-              | ++            |       | 263        | +  | +-       | +-   | H        |          | +        | $\dashv$ | $\dashv$  |
|          | 164        | +            | <del>                                     </del> |  |              | 214        | $\vdash$        |          | +            | $\vdash$   | ++               | +             |       | 264        | $\vdash \vdash$                                  | $\dashv$ | $\vdash$   | H        | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$  |
| <u> </u> | 165        | 十            | <del>                                     </del> | ++-  | <b> </b>     | 215        | $\vdash$        | _        | +            | $\vdash$   | ++               | +             | -     | 265        | <del>   </del>                                   | +-       | +-   | H        | ┥        | $\dashv$ | $\dashv$ | $\dashv$  |
| <u> </u> | 166        | +            | <del>                                     </del> | ++-  |              | 216        | $\vdash$        | $\dashv$ | +            | $\vdash$   | ++               | +             |       | 266        | <del>                                     </del> |          | $\vdash$   | $\vdash$ |          | $\dashv$ | $\dashv$ | $\dashv$  |
| <b></b>  | 167        | +            |  | 11   |              | 217        | $\vdash$        | -        | +            | $\vdash$   | ++               | +             |       | 267        | -  |          | $\vdash$   | $\vdash$ | $\vdash$ | $\dashv$ | -+       | $\dashv$  |
|          | 168        | +            | <del>                                     </del> | + +-   |              | 218        | -               |          | +            | $\vdash$   | ++               | +             |       | 268        | ╁  |          | -  |          | -        | -+       | ╅        | $\dashv$  |
| -        | 169        | +            | <del>                                     </del> | ++-  | <del> </del> | 219        | -               |          | +            |  | ++               | +             |       | 269        | $\vdash$   | +        | <del>                                     </del> |          |          | -        | -+       | ᅱ         |
| -        | 170        | $^{+}$       |  |  | <del> </del> | 220        |                 | _        | +            | $\vdash$   | +                | +             |       | 270        | $\vdash$   | +        | $\vdash$   | Н        | $\dashv$ | +        | $\dashv$ | ᅥ         |
|          | 171        | $\dagger$    |  | +++  | _            | 221        |                 | $\dashv$ | 1-           | <del></del>                                      | +++              | ++1           |       | 271        |  | +        | $\vdash$   |          | $\dashv$ | _        | $\dashv$ | ᅥ         |
|          | 172        | $\dagger$    |  |  | <del></del>  | 222        |                 |          | $\Box$       | $\vdash$   |                  |               |       | 272        |  | +        | $\vdash$   | H        | _        | $\dashv$ | $\dashv$ | 一         |
|          | 173        | †            |  | +++  | <del></del>  | 223        |                 | _        | $\top$       | $\vdash$   | + +              | ++1           |       | 273        | $\vdash$   | +-       | $\vdash$   | -        |          | -        | 十        | $\dashv$  |
|          | 174        | +            |  | 1 1 1  | <b></b>      | 224        |                 | _        | + 1          | $\vdash$   | $\pm$            | 1             |       | 274        |  | - -      | 1  | Н        |          | 十        | 十        | ᅥ         |
| <b>—</b> | 175        | $\dagger$    |  |  | <u> </u>     | 225        | $\neg \uparrow$ |          | +            | -  | $\pm$            | +             |       | 275        | $\top$   | +-       |  |          |          | _        | $\dashv$ | $\dashv$  |
|          | 176        | $^{\dagger}$ |  |  | <b></b>      | 226        |                 | $\dashv$ | +            | $\vdash$   | +                | +             |       | 276        | $\dashv$   | $\top$   | $\vdash$   |          | $\dashv$ | $\dashv$ | 十        | $\dashv$  |
|          | 177        | T            |  |  |              | 227        |                 | 一        | $\top$       | $\vdash$   | <del></del>      |               |       | 277        |  | 1        |  |          |          | _        | $\dashv$ | ┪         |
|          | 178        | Ť            |  |  |              | 228        |                 | $\dashv$ | $\Box$       | $\vdash$   | +                | 1             |       | 278        | $\neg$   | $\top$   |  |          |          | $\dashv$ | $\dashv$ | ヿ         |
|          | 179        | T            |  |  |              | 229        |                 |          | 1 1          | $\vdash$   |                  |               |       | 279        | $\neg$   | $\top$   |  |          |          | 寸        | $\dashv$ | ヿ         |
|          | 180        | T            |  |  |              | 230        |                 |          | $\Box$       | 一  | 11               |               |       | 280        |  |          |  |          |          | 寸        | T        | ヿ         |
|          | 181        | T            |  |  |              | 231        |                 |          | $\Box$       | $\Box$   |                  |               |       | 281        |  |          | T  |          |          | 寸        | T        | ᆿ         |
|          | 182        | T            |  |  |              | 232        |                 |          | 11           |  | 11               |               |       | 282        |  |          |  |          | $\Box$   | 一        | 寸        | ヿ         |
|          | 183        | Т            |  |  |              | 233        | T               |          | $\top$       |  |                  |               |       | 283        | _ j _  |          |  |          |          |          |          | ヿ         |
|          | 184        | Ι            |  |  |              | 234        |                 |          | П            |  |                  | $\neg \neg$   |       | 284        |  |          | Γ  | П        | $\Box$   | 一        |          | ヿ         |
|          | 185        | I            |  |  |              | 235        |                 |          |              |  |                  |               |       | 285        |  |          |  |          |          |          |          | $\exists$ |
|          | 186        | T            |  |  |              | 236        |                 |          | П            |  |                  | $\Box$        |       | 286        |  |          |  |          | $\neg$   |          | П        | ╗         |
|          | 187        | Ι            |  |  |              | 237        |                 |          |              |  |                  | $\top$        |       | 287        |  |          |  |          | $\neg$   |          |          | ╗         |
|          | 188        |              |  |  |              | 238        |                 |          |              |  |                  |               |       | 288        |  |          |  |          |          |          |          |           |
|          | 189        |              |  |  |              | 239        |                 |          | $oxed{\Box}$ |  |                  |               |       | 289        |  |          |  |          |          |          |          |           |
| L        | 190        | ⊥            |  |  |              | 240        |                 |          |              |  |                  |               |       | 290        |  |          |  |          |          |          |          |           |
|          | 191        | 1            |  |  |              | 241        |                 |          |              |  |                  |               |       | 291        |  |          |  |          |          | $\Box$   | $\Box$   |           |
| <u></u>  | 192        | ⊥            |  |  |              | 242        |                 |          | $oxed{\Box}$ |  |                  |               |       | 292        |  |          |  |          |          |          |          |           |
|          | 193        | 1            |  |  |              | 243        |                 |          | Ш            | $\Box$   |                  |               |       | 293        |  |          |  |          |          | _Ţ       |          | $\Box$    |
| ļ        | 194        | 1            |  |  |              | 244        |                 |          | $\sqcup$     | $\Box$   | $\perp$          | $\perp \perp$ |       | 294        |  |          | $oxedsymbol{oxed}$                               | Ш        | $\Box$   | $\perp$  | $\perp$  | $\Box$    |
|          | 195        | 1            |  | 444  |              | 245        |                 |          | Ш            | Ш  |                  | $\perp$       |       | 295        |  |          | <u> </u>   |          |          | $\perp$  |          | $\Box$    |
| ļ        | 196        | 1            |  | 444  |              | 246        |                 | $\bot$   | $\sqcup$     | $\sqcup \bot$                                    | 44               | $\perp \perp$ |       | 296        |  |          | L  |          |          | _        | $\perp$  | $\sqcup$  |
|          | 197        | 1            |  | 444  | L            | 247        | $\sqcup$        |          | $\perp$      | ot   | $\perp \perp$    | ]             |       | 297        |  |          |  |          |          |          |          | $\Box$    |
| <u> </u> | 198        | 1            |  | 44   | L            | 248        |                 | _        |              | ot   | $\bot \bot$      | 11            |       | 298        |  |          | L  |          |          |          | $\perp$  | Ц         |
|          | 199        | +            |  | 444  | L            | 249        | _               |          | $\sqcup$     | ot   | $\bot$           | Щ             |       | 299        | $\perp$  | $\perp$  | Ш  | Ш        | $\dashv$ | $\perp$  | $\perp$  | $\dashv$  |
|          | 200        | <u>+</u>     |  |  |              | 250        | 1               |          |              |  |                  | _1            |       | 300        | 1  | 1        | L  |          |          |          |          | - 1       |